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(71) Applicant (for all designated States except US):
METAPROTEOMICS, LLC [US/US]; 100 Avenida
La Pata, San Clemente, CA 92673 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BABISH, John,
G. [US/US]; 508 White Church Road, Brooktondale,
NY 14817 (US). HOWELL, M., Terrence [US/US]; 62
Southworth Road, Dryden, NY 13053 (US).

(74) Agent: McDERMOTT, WILL & EMERY; 4370 La Jolla
Village Drive, 7th floor, San Diego, CA 92122 (US).

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(54) Title: COMPLEX MIXTURES EXHIBITING SELECTIVE INHIBITION OF CYCLOOXYGENASE-2

(57) Abstract: A novel formulation is provided that serves to specifically inhibit the COX-2 mediated inflammatory response in animals. The formulation comprises comprising an effective amount of component I selected from the group consisting of alpha acids and beta acids and an effective amount of at least one component II selected from the group consisting of alpha acids, beta acids, essential oils, fats and waxes, with the proviso that component I and II are not the same compound. The composition provides specific inhibition of cyclooxygenase-2 with little or no effect on cyclooxygenase-1.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/19617

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 35/78
US CL : 424/725

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/725

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,932,603 A (HAAS) 13 January 1976 (13.01.1979), abstract, column 1-3, examples, tables and the claims.	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

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Authorized officer

Michael Meller

Telephone No. 703-308-0196

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